

In the Claims:

1. (original) A coated substrate comprising
a substrate;
a bond coat on said substrate comprised of a high temperature MCrAlY coating of a thickness of from 0.003 inches to 0.015 inches; and
an abradable top coat on said bond coat comprised of high temperature yttria stabilized zirconia of a thickness of from 0.015 inches to 0.080 inches.
2. (original) A coated substrate as set forth in claim 1 wherein said top coat includes a polyester in an amount of 3% to 9 % by weight.
3. (original) A coated substrate as set forth in claim 1 wherein said top coat includes a polyester in an amount of 4% to 6 % by weight.
4. (original) A coated substrate as set forth in claim 1 wherein said top coat has a thickness of from 0.025 inches to 0.060 inches.
5. (original) A coated substrate as set forth in claim 1 wherein said bond coat is comprised of NiCoCrAlY.
6. (original) A coated substrate as set forth in claim 1 wherein said bond coat contains a reactive element selected from the group consisting of hafnium and silicon.
7. (currently amended) A coated substrate as set forth in claim 1 wherein said substrate is an inner shroud cover plate.
8. (original) A high temperature clearance coating comprising
a bond coat comprised of a high temperature MCrAlY coating of a thickness of from 0.003 inches to 0.015 inches; and
an abradable top coat on said bond coat comprised of high temperature

yttria stabilized zirconia of a thickness of from 0.015 inches to 0.080 inches.

9. (original) A coating as set forth in claim 8 wherein said top coat includes a polyester in an amount of 3% to 9 % by weight.
10. (original) A coating as set forth in claim 8 wherein said top coat includes a polyester in an amount of 4% to 6 % by weight.
11. (original) A coating as set forth in claim 8 wherein said top coat has a thickness of from 0.025 inches to 0.060 inches.
12. (original) A coating as set forth in claim 8 wherein said bond coat is comprised of NiCoCrAlY.
13. (original) A coating as set forth in claim 8 wherein said bond coat contains a reactive element selected from the group consisting of hafnium and silicon.
14. (original) A process of applying a thermal coating on a substrate comprising the steps of

spraying a high temperature MCrAlY powder onto the substrate to form a bond coat of a thickness of from 0.003 inches to 0.015 inches; and

spraying a high temperature yttria stabilized zirconia onto said bond coat to form an abradable top layer of a thickness of from 0.012 inches to 0.080 inches.
15. (new) A process of applying a thermal coating on a substrate comprising the steps of

spraying a high temperature MCrAlY powder onto the substrate to form a bond coat of a thickness of from 0.003 inches to 0.015 inches; and

spraying a high temperature yttria stabilized zirconia directly onto said

bond coat from a single powder feeder to form a single layer abradable top layer of a thickness of from 0.012 inches to 0.080 inches and with an exposed outer surface.

16. (new) A process as set forth in claim 15 further comprising the step of adding a polyester in an amount of from 3% to 9% by weight to the high temperature MCrAlY powder.
17. (new) A coated substrate comprising
 - a substrate;
 - a bond coat on said substrate comprised of a high temperature MCrAlY coating of a thickness of from 0.003 inches to 0.015 inches; and
 - an abradable single layer top coat directly on said bond coat comprised of high temperature yttria stabilized zirconia of a thickness of from 0.015 inches to 0.080 inches and having an exposed outer surface.
18. (new) A coated substrate as set forth in claim 17 wherein said top coat includes a polyester in an amount of 4% to 6 % by weight to increase porosity.